

ABSTRACTPROCESS FOR PROGRAMMING AN AUTOMATION APPLICATION

The invention relates to a process for programming an automation application program on an automation equipment programming station. It comprises a step to define several structured type objects (1.10, 1.20) each representing an input-output channel of automation equipment, a step to write the application program (10) declaring symbolic input-output variables (100) of the program (10) as an instance of a previously defined structured type object, a step to configure symbolic input-output variables comprising a definition of the physical location of inputs-outputs of the automation equipment, a step (40) to automatically interpret the program to execute it on the automation equipment, comprising a step to replace symbolic variables (100) in the program by the complete topological address (200) of the corresponding input-output information.

FIGURE 1